

Features

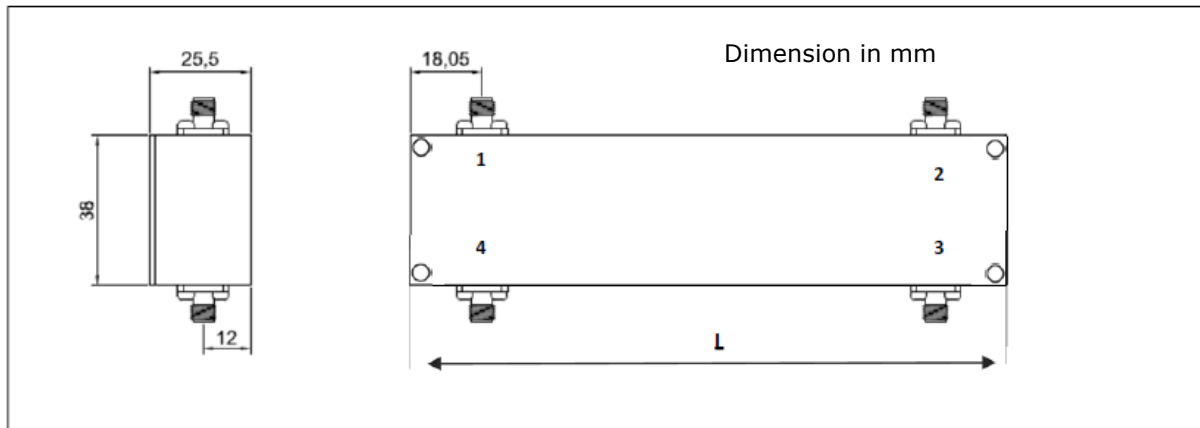
- ◇ Broadband up to 18GHz
- ◇ Low insertion loss.
- ◇ High power.
- ◇ High isolation value.
- ◇ Robust and reliable.
- ◇ IP 66- IEC.
- ◇ Operating temperature -45/+85°C.



Description

The series of hybrids 90° broadband, has been designed for coverage multi octave bands in a single unit.

Manufactured with multi section technology that ensures a reliable and robust behavior in any operating conditions.



Package	H10	H11	H12	H13	H14
L (mm)	150	85	60	50	45

IN \ OUT	Phase diagram			
	1	2	3	4
1	X	ISO	-90°	0°
2	ISO	X	0°	-90°
3	-90°	0°	X	ISO
4	0°	-90°	ISO	X

Specifications

Model	Frequency range (GHz)	Insertion loss (dB) (*)	Isolation (dB)	VSWR	Amplitude Balance (db max)	Phase balance (° max)	Power (w) (**)	Package
IF-H92/S	0.5-2	0.6	20	1.25/1	1	3	50	H10
IF-H93/S	2-6	0.6	19	1.35/1	1	4	50	H11
IF-H94/S	4-8	0.6	19	1.35/1	1	4	50	H12
IF-H96/S	8-12.4	0.8	18	1.40/1	1.5	5	50	H13
IF-H97/S	12.4-18	1	17	1.45/1	2	5	50	H14

(*): Without considering 3dB added by the component.

